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BATTERY AND AIR TANK MOUNTING (^) STRUCTURE OF VEHICLE

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Abstract: PROBLEM TO BE SOLVED: To provide a battery and air tank mounting (^) structure which is excellent in loading properties for a battery and an air tank (^) to a vehicle, and in maintainability including inspection for the liquid surface of the battery, and is simple in structure, light in weight, and is inexpensive.

SOLUTION: This battery support stand 18 is formed out of paired front and rear brackets 14 which are fixed to a chassis frame 10 and a side rail 12 at their base parts while being projected outward in the car width direction, and of a floor board 48 fixed to the lower end flange part of each bracket (^) 14 at its front and rear side peripheries. The floor board 48 is formed out of a press molding item excellent in weight and strength while being provided with a plurality of beads, and a positioning projection 52 is provided in such a way that a sufficient space can be formed between a battery 20 and each bracket (^) 14 to be restored over the aforesaid board. Both the front and rear end parts of a battery clamp 72 for pressing the battery 20 while being fitted in the outward upper end in the car width direction of the battery 20, are connected with the brackets 14 by means of each hook bolt housed in a space, so that the battery 20 is thereby fixed. Besides, air tanks 36 are hanged down from the lower side of the battery support stand 18 by means of each U-bolt both ends of which is closely fixed to the brackets 14.

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